

## Model 34TM-10 Dual Column Table Model



## Preinstallation Manual

M10-17320-EN Revision J





Figure 1. 3400 Dual Column Table Model with Bluehill<sup>®</sup> Operator Dashboard - Front View

## Legend for Figure 1

Label	Component
1	T-slots
2	Top plate
3	Column cover
4	Load cell
5	Upper limit switch
6	Limit switch actuator
7	Lower limit switch
8	Emergency stop button
9	Frame control panel
10	Bluehill <sup>®</sup> Operator Dashboard (optional)



Figure 2. 3400 Dual Column Table Model - Rear View

Label	Component
1	Power inlet connection and power switch
2	System ID label
3	Rear panel
4	Controller panel
5	Frame base
6	Base beam
7	Base adapter
8	Crosshead
9	Ballscrew cover

## Components

The major components of an Instron<sup>®</sup> electromechanical testing system include:

• Load frame with integral controller

Legend for Figure 2

- Load cell mounted to the crosshead
- Grips for tension testing or table-mounted anvils on a platen for compression testing.
- Instron<sup>®</sup> approved computer system with Instron Bluehill<sup>®</sup> software.

Special fixtures are available for applications such as flexure and peel testing. For strain measurement, an optional strain gauge extensometer attaches to the specimen. You can use non-contacting extensometers with specimens that are unable to support a contacting extensometer. Contact your regional Instron<sup>®</sup> office or check our web site at www.instron.com for assistance with Instron's grips and fixtures.

The following table defines the components of the testing system: